

Human Impact Lab: Animal Classifications

Loggerhead Marinelifelife Center

Loggerhead Marinelifelife Center is an ocean conservation organization and sea turtle hospital located adjacent to one of the most important sea turtle nesting beaches in the world. The Center features an on-site campus hospital, research laboratory, educational exhibits and aquariums, and also operates the Juno Beach Pier, which hosts world-class angling and sightseeing. The Center's conservation team works with 76 local and international organizations across six continents to form partnerships and share conservation initiatives and best practices that are core to its mission of ocean conservation. The Center is expanding and has launched its Waves of Progress capital expansion campaign, designed to accelerate and amplify LMC's conservation and education impact.

Our mission is to promote conservation of ocean ecosystems with a special focus on threatened and endangered sea turtles. Our vision is to be recognized locally and internationally as the leading authority in sea turtle education, research and rehabilitation.



Lesson Objectives

- I can describe the difference between a vertebrate and an invertebrate.
- I can describe the six major classifications of animals.
- I can observe traits in an animal, and then classify it into one of six categories.

Vocab

- Vertebrate: having vertebrae; having a backbone or spinal column
- Invertebrate: not vertebrate; without a backbone.
- Herbivore: feeding on plants
- Carnivore: feeding on meat/other animals
- Omnivore: feeding on both plants and animals
- Classification: the action or process of classifying something according to shared qualities or characteristics.

Resources

Infographics for Kids:

http://www.sheppardsoftware.com/content/animal/s/kidscorner/classification/kc_class_again.htm

Test Your Knowledge!

<https://form.jotform.com/200934821460147>



Visit Marinelife.org to learn more about Loggerhead Marinelifelife Center!

Animal Classification Word Search

Name: _____

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Animal Classification

J E P
F Y Y J W K D X J
N F V C W M W W S Q R D E
Q F C B V A P E O Z J S Q D S M D
W N I B A T G M V O X G Y O V U E O N
J A W S C C G H Z A U E V R P E G C V D N
Y I G H H K V V V P I K U E U R F E N Q L
E S W I P I B F M Z I P F T R E T W V Z X L U
W M K L E N O R N C M D L V Q M E E G G S I X
F A A D L X X N M V G B W F X S T B S U M M I L K
E X M Z S F G E Y H G T X Z V C D R M J R J F W T
S F M O V N P Y F P I D X I U A K A P J N R E F T
L Q I A U X M X J E C N H Z G D L F T J M L L E C T B
X R V L T D V I R A B O M T T J E I E E B J F W V C R
P P B M H W Y D H T H Z L T A B S M H R E P T I L E H
Y K I B L O Q Q H B S C D W A M P H I B I A N T I
N V X R E O R J E N X A V B T A O I F I I K A Y L
J Q F P D Q P A R E D X J Z L P H O Z S M R Y T R
A B Z X O D A S O Q Z N L L O W W Y K B T N A
Q K Y N G Y Q O A W A R M B L O O D E D Y F U
G J W J S L M C U F C F V L J D T U R D V
K Q J U L J Q T L X M G G N K R E V H C N
P O A R N K W I T A A N C E A W D T Q
U I V Q M K D N I G Z V Z E M T V
M W K Y O K J A N K P W V
S T C T Q I T L B
W M M

AMPHIBIAN
BACKBONE
BIRD
COLDBLOODED
EGGS
FEATHERS
FISH
FUR
GILLS
INVERTEBRATE
MAMMAL
MILK
REPTILE
SCALES
VERTEBRATE
WARMBLOODED

Animal Classification Word Search Key

Name: _____

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Animal Classification

J E P
 F Y Y J W K D X J
 N F V C W M W W S Q R D E
 Q F C B V A P E O Z J S Q D S M D
 W N I B A T G M V O X G Y O V U E O N
 J A W S C C G H Z A U E V R P E G C V D N
 Y I G H H K V V V P I K U E U R F E N Q L
 E S W I P I B F M Z I P F T R E T W V Z X L U
 W M K L E N O R N C M D L V Q M E E G G S I X
 F A A D L X X N M V G B W F X S T B S U M M I L K
 E X M Z S F G E Y H G T X Z V C D R M J R J F W T
 S F M O V N P Y F P I D X I U A K A P J N R E F T
 L Q I A U X M X J E C N H Z G D L F T J M L L E C T B
 X R V L T D V I R A B O M T T J E I E E B J F W V C R
 P P B M H W Y D H T H Z L T A B S M H R E P T I L E H
 Y K I B L O Q Q H B S C D W A M P H I B I A N T I
 N V X R E O R J E N X A V B T A O I F I I K A Y L
 J Q F P D Q P A R E D X J Z L P H O Z S M R Y T R
 A B Z X O D A S O Q Z N L L O W W Y K B T N A
 Q K Y N G Y Q O A W A R M B L O O D E D Y F U
 G J W J S L M C U F C F V L J D T U R D V
 K Q J U L J Q T L X M G G N K R E V H C N
 P O A R N K W I T A A N C E A W D T Q
 U I V Q M K D N I G Z V Z E M T V
 M W K Y O K J A N K P W V
 S T C T Q I T L B
 W M M

- AMPHIBIAN
- BACKBONE
- BIRD
- COLDBLOODED
- EGGS
- FEATHERS
- FISH
- FUR
- GILLS
- INVERTEBRATE
- MAMMAL
- MILK
- REPTILE
- SCALES
- VERTEBRATE
- WARMBLOODED



Animal Classifications Drawing Challenge

Directions: Playing a Pictionary-style game, put your drawing skills to the test and see if you can accurately guess the characteristics represented by the drawing, and the correct animal classification(s) for the trait!

- **Materials**
 - Pen and paper or a whiteboard and dry-erase markers
 - Timer
 - Paper (to keep score)
- **Instructions**
 - Nominate one person to draw first (you can use age, height, alphabet, etc)
 - The person nominated to draw must think of an animal trait (i.e: fur, cold-blooded, shell, etc)
 - Then, WITHOUT drawing or saying the name of the trait or animal, the artist must draw a representative picture of the trait.
 - Once complete, the artist shows the audience the drawing and the audience must guess the answers (they have **30 seconds**):
 - A. The trait itself (i.e. fur, cold-blooded, shell, etc)
 - B. The animal classification(s) that have that trait (i.e. mammals, reptiles, etc)
 - Participants get one point for each correct answer
 - Note: if the trait chosen is scales, for example, the participant could get up to three points: 1x for scales, 1x for reptiles, and 1x for fish
- **Example**

